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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

(currently amended): A level converting circuit for converting a signal level of a

first logic circuit to which a first power source is supplied into a signal level of a second logic

circuit to which a second power source is supplied, comprising:

a pull-up and/or pull-down circuit, which is connected to a level conversion output of a

level conversion core circuit, in which the second power source is supplied to a the level

conversion output of a the level conversion core circuit.

a control circuit to which the second power source is supplied and which receives as

inputs thereto a level conversion input signal and the level conversion output signal,

and a switching circuit which is disposed between a ground power source terminal of the

level conversion core circuit and a ground power source and which is controlled by a third logic

circuit to which the second power source is supplied, the third logic circuit generating a first

control signal under control of the first power source, wherein the control circuit is controlled by

a second control signal from the third logic circuit.

(currently amended): A level converting circuit in accordance with claim 6,

wherein the third logic circuit controls the control circuit by a the second control signal from the

third logic circuit, and the control circuit produces control signals to control the pull-up and/or

pull-down circuit and the level conversion core circuit.

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8-14. canceled.

15. (previously presented): A level converting circuit in accordance with claim 7,

wherein the control circuit comprises a NAND circuit to which the second power source is

supplied and which receives as inputs thereto a positively inverted signal of the level conversion

input signal, an inverted signal of the level conversion output signal, a positively inverted signal

of the level conversion output signal, and a control output of the third logic circuit, wherein an

output signal of the NAND circuit is one of said control circuit control signals.

16. (previously presented): A level converting circuit in accordance with claim 15,

wherein the NAND circuit is of a CMOS circuit configuration and the p-MOS transistor to which

the level conversion input signal is connected includes a transistor at least having a small ratio of

a channel width/a channel length or a high threshold value.

17. (currently amended): A level converting circuit in accordance with claim 15,

wherein the NAND circuit is of a CMOS circuit configuration and the n-MOS transistor to which

a control signal output of the third logic circuit is connected includes a source terminal connected

to a the ground GND power source.

(canceled).

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19. (currently amended): A level converting circuit in accordance with claim 15, wherein the pull-up and/or pull-down circuit further comprises at least a first group of two p-MOSs each of which comprises a source terminal connected to the second power source, a gate terminal connected to a control signal from the control circuit, and a drain terminal connected to one of the level conversion outputs; and at least a second group of two p-MOSs each of which comprises a source terminal connected to the second power source, a gate terminal connected to a control signal from the third logic circuit, and a drain terminal connected to one of the level conversion outputs.

- 20. (previously presented): A level converting circuit in accordance with claim 15, wherein the pull-up and/or pull-down circuit further comprises at least two p-MOSs each of which comprises a source terminal connected to the second power source, a gate terminal connected to a control signal from the control circuit, and a drain terminal connected to each of the level conversion outputs; and a p-MOS comprising a source terminal connected to the second power source, a gate terminal connected to a control signal from the third logic circuit, and a drain terminal connected to one of the level conversion outputs.
- 21. (currently amended): A level converting circuit in accordance with claim 15, wherein the pull-up and/or pull-down circuit comprises at least two p-MOSs each of which comprises a source terminal connected to the second power source, a gate terminal connected to a control signal from the control circuit, and a drain terminal connected to each of the level

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conversion outputs, a p-MOS comprising a source terminal connected to the second power source, a gate terminal connected to a control signal from the third logic circuit, and a drain terminal connected to one of the level conversion outputs; and

an n-MOS including a source terminal connected to the ground GND power source, a
gate terminal connected to a control signal from the third logic circuit or to an inverted signal of
the control signal, and a drain terminal connected to other one of the level conversion outputs.

22. (currently amended): A level shifter in accordance with claim 15, wherein the pull-up and/or pull-down circuit comprises at least two p-MOSs each of which comprises a source terminal connected to the second power source, a gate terminal connected to a control signal from the control circuit, and a drain terminal connected to each of two level shift conversion outputs; and an n-MOS comprising a source terminal connected to the ground power source, a gate terminal connected to a control signal from the third logic circuit or an inverted signal of the control signal, and a drain terminal connected to one of the level shift conversion outputs.

## canceled.

24. (currently amended): A level shifter in accordance with claim 15, wherein the pull-up and/or pull-down circuit comprises at least two n-MOSs each of which comprises a source terminal connected to the ground GND power source, a gate terminal connected to a

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control signal from the control circuit, and a drain terminal connected to level shift conversion outputs and at least two p-MOSs each of which comprises a source terminal connected to the second power source and a gate terminal connected to a control signal from the third logic

circuit, a drain terminal of other p-MOS being connected to each of the level shift outputs.

25-67, canceled.

68. (currently amended): A level converting circuit for converting a signal level of a first logic circuit to which a first power source is supplied into a signal level of a second logic

circuit to which a second power source is supplied, comprising:

a level conversion core circuit in which the second power source is supplied and which receives as an input a level conversion input signal and which outputs a level conversion output signal:

a control circuit to which the second power source is supplied and which receives a control signal from a third logic circuit and which outputs control signals; and

pull-up and/or pull-down circuit in which the second power source is supplied and which receives the control signals from the control circuit and a control signal from the third logic circuit and which is connected to a the level conversion output signal.

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